

IN THE CLAIMS

1           1.       (Twice Amended) A computer system comprising:  
2           a bus;  
3           at least one memory coupled to the bus for storing data and  
4       programming instructions that include applications and an operating system;  
5       and  
6           a processing unit coupled to the bus and running the operating system  
7       and applications by executing programming instructions, wherein an  
8       application has a first plurality of tailored distinct programming interfaces  
9       available to access a plurality of separate sets of [I/O] computer system services  
10      provided through the operating system of the computer system via service  
11      requests.

C' 1           2.       (Twice Amended) The computer system defined in Claim 3 [1]  
2       wherein each of the first plurality of tailored distinct programming interfaces  
3       are tailored to a type of I/O service provided by each set of I/O services.

1           3.       (Twice Amended) A [The] computer system [defined in Claim 1]  
2       comprising:  
3           a bus;  
4           at least one memory coupled to the bus for storing data and  
5       programming instructions that include applications and an operating system,  
6       wherein the operating system comprises a plurality of servers, and each of the  
7       first plurality of programming interfaces transfer service requests to one of  
8       the plurality of servers, wherein each of the plurality of servers responds to  
9       service requests from clients of the separate sets of I/O services; and

c<sup>1</sup>

10 a processing unit coupled to the bus and running the operating system  
11 and applications by executing programming instructions, wherein an  
12 application has a first plurality of tailored distinct programming interfaces  
13 available to access a plurality of separate sets of I/O services provided through  
14 the operating system via service requests.

c<sup>2</sup>

1 9. (Twice Amended) A computer system comprising:  
2 a bus;  
3 at least one memory coupled to the bus for storing data and  
4 programming instructions that comprise applications and an operating  
5 system;  
6 a processing unit coupled to the bus and running the operating system  
7 and applications by executing programming instructions, wherein the  
8 operating system provides [input/output (I/O)] computer system services  
9 through a tailored distinct one of a plurality of program structures, each  
10 tailored distinct program structure comprising;  
11 a first programming interface for receiving service requests for a  
12 set of computer system I/O services of a first type,  
13 a first server coupled to receive service requests and to dispatch  
14 service requests to the computer system I/O services,  
15 an activation model to define an operating environment in  
16 which a service request is to be serviced by the set of computer system  
17 I/O services, and  
18 at least one specific instance of the set of computer system I/O  
19 services that operate within the activation model.

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✓  
Please cancel claim 14 without prejudice.

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1 15. (Amended) A computer system comprising:  
2 a bus;  
3 at least one memory coupled to the bus for storing data and  
4 programming instructions that comprise applications and an operating  
5 system;  
6 a processing unit coupled to the bus and running the operating system  
7 and applications by executing programming instructions, wherein the  
8 operating system provides input/output (I/O) services through a tailored  
9 distinct one of a plurality of program structures, each tailored distinct  
10 program structure comprising:  
C3 11 a first programming interface for receiving service requests for a  
12 set of I/O services of a first type,  
13 a first server coupled to receive service requests and to dispatch  
14 service requests to the I/O services,  
15 an activation model to define an operating environment in  
16 which a service request is to be serviced by the set of I/O services, and  
17 at least one specific instance of the set of I/O services that operate  
18 within the activation model, wherein one of the said at least one  
19 specific instances comprises a service that accesses another program  
20 structure, and further wherein said one of said at least one specific  
21 [instance] instances communicates to said another program structure of  
22 a second type using a message created using a library sent to the server  
23 of said another program structure.

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1 19. (Twice Amended) A computer implemented method of  
C4 2 accessing I/O services of a first type, said computer implemented method  
3 comprising the steps of: